

ABSTRACT

The present invention provides a ferroelectric ceramic composition that does not contain harmful lead and that have satisfactory sinterability. The present invention also provides a nonlinear optical element including the ferroelectric ceramic composition.

The ferroelectric ceramic composition includes a main component represented by a general formula $(\text{Ba}_{1-x-y}\text{Sr}_x\text{Ca}_y)\text{Ag}_{1-d}\text{Nb}_5\text{O}_{15-d/2}$ and having a tungsten bronze structure; and auxiliary components represented by a general formula $a\text{MnO}_2 + b\text{SiO}_2$ (wherein a and b each represent part by weight with respect to 100 parts by weight of the main component), wherein x, y, a, b, and d meet expressions $0.1 \leq x + y \leq 0.8$, $a + b \leq 5$, and $0 \leq d \leq 0.6$.